

SILICA, COLORIMETRIC, MOLYBDATE BLUE, AUTOMATED-SEGMENTED FLOW
By USGS I-2700-85

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Facility Name: _____ VELAP ID: _____

Assessor Name: _____ Analyst Name: _____ Inspection Date: _____

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst: _____					
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____					
For nonpotable water, were samples collected in Polyethylene or Quartz containers (not Fluoropolymer (FP, PTFE, Teflon) or Glass)?	40 CFR 136.3 Table II				
Were samples cooled to $\leq 6^{\circ}\text{C}$ and held for not longer than 28 days?	40 CFR 136.3 Table II				
Was the Ammonium Molybdate Solution stored in a plastic container?	5.1				
Was the Ascorbic Acid Solution stored at 4°C for no longer than 1 week?	5.2				
Was the Silica Standard Solution stored in a plastic bottle?	5.5				
Before analysis, was the instrument baseline adjusted to zero with all reagents and demineralized water running through the sample line?	6.3				
Were calibration begun with the most concentrated standard first?	6.4				
Was the analytical curve prepared by plotting the height of each standard peak versus the silica concentration?	7.1				
Was any baseline drift that occurred taken into account when computing the height of a sample or standard peak?	7.2				

Notes/Comments: